

HIGH THROUGHPUT DISPENSING OF FLUIDS

ABSTRACT

This invention provides an apparatus and method for dispensing fluidic
5 materials involving the employment of a hydrophilic capillary dimensioned for
drawing a liquid therein in a volume less than about 10 microliters; a
hydrophobic medium sealingly adjoining said capillary and defining an
interface therewith for resisting flow of the liquid into the capillary beyond the
interface; and a source of a pressure pulse for ejecting fluids drawn into the
10 capillary.